

(SP-1378)

Ivan Georgiyevich Petrovskiy, by P. B. Aleksandrov,
A. D. Myshkis, O. A. Oleynik, 22 pp.

RUSSIAN, per: Uspekhi Matemat Nauk, Vol. 17,
No 3 (59), May/Jun 1961, pp 219-233.

JPRS 11015

UNSE

Elog

Dec 61

Appropriate Relations of a Candidate for
Admission to the Library of the University of
St. J. T. Hall, A. D. 1944-1945, O. P.

Admission, University of St. J. T. Hall, A. D. 1944-1945, O. P.
to A. D. 1944-1945.

(1944-1945)

Consolidated Service

See 1. History

See 11

Mechanisation of loading and unloading operations in
the rubber industry, by A. V. Myahkis, p 5

RUSSIAN, per, Kauchuk i Rezina, Vol. XXI, No 7, 1962,
pp 39 - 45

RAPRA

340,333

Sci

Jul 63

(NY-5100)

Radio Guidance Systems of Antiaircraft Rockets by
V. Mykhaylovskiy, 6 pp.

RUSSIAN, per, Vozdukhny Vestnik, Nov 7, 1963.

ACSI I-1614-G
ID L201021

USER
MIL
Nov 63

243,206

The use of Nomograms of Averaged Points in the
Calculation of Hydraulic Transmissions, by L. M.
Myshlevskiy, 4 pp.

RUSSIA, per, Vest Mashinostroy, Vol XL, No 7,
1960, pp 14-18.

BRAGE

Sci
Aug 61

162,984

Seismic-acoustic Activity in Coal
Seams as a Precursor to Outbursts
Tendzhikova, by V. A. Ivanov and
L. G. Mysina.

RUSSIAN, per, Ural, 1962,

Vol 6, No 6, pp 14-15.

REF 90/2.66 1964 (2288) (On Loan)

L. G. Mysina

Aug 65

284,621

Peculiarities of the Seismo-Acoustic Processes
Accompanying Sudden Bursts of Coal and Gas
During the Drilling of Relief Holes, by
A. G. Konstantinova, L. G. Mysina, et al., 6 pp.
RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 11,
1963, pp 1676-1683.

AGU

Sci
Mar 64

252,726

Relative Variations in Energy of Seismo-Acoustic
Processes During Sudden Bursts of Coal and Gas
by A. G. Konstantinova, L. G. Mysina, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz.
No 2, 1965, pp.301-308.

AGU

S.S.

341, 245

Jan 68

Asymptotic Behavior of Solutions of a Non-Linear
Boundary Problem in the Boundary Layer Theory, by
G. V. GIL', A. D. Myakis, 6 pp.

RUSSIAN, per. Dok Ak Nauk SSSR, Vol CXII, 1957,
no 599-602.

Amer Math Soc

Sci-Math

Jan 64

246, 426

Myslinska, Z. and Palenik, K.
MODERN METHODS OF PREPARING ROSIN SIZE.
[1962] 11p. (figs. omitted) 9 refs.
Order from SLA \$1.60

63-10062

Trans. of Przegląd Papierniczy (Poland) 1954 [v. 10]
p. 328-332 and 341.

DESCRIPTORS: Paper Industry, *Resins, *Sizing,
Manufacturing methods.

(Materials--Paper, TT, v. 9, no. 10)

63-10062

- I. Title: Rosin
- I. Myslinska, Z.
- II. Palenik, K.

Office of Technical Services

Attempts to Establish a Technology of
Manufacturing Nitrocellulose-Coated "Slide-Off"
Transfer Papers, by K. Palenik, Z. Myslinoka.

KOLBIK, per, Przegled Papiernictwa, No 8, 1969,
pp 225-229.

ALL M.4601

Sci - Chem

193, 759

May 62

OPY 6/59

Influencing the Economics of Individual Housing
Construction, by Stanislaw Myslinski, 6 pp.

POLISH, per, Miasto, Vol XII, No 4, 1962, pp 31-33

JPRS 9821

EBur - Poland

Econ

Aug, 61

162,312

(NY-6260/2)

Residential Construction in 1960 and 1961 (Plan),
by Stanislaw Myslinaki, 13 pp.

POLISH, per, Miasto, Vol XI, No 12, 1960,
pp 13-18.

JPRS 9614

EBar - Poland

Econ

160, 293

Jul 61

(NY-4995)

Aminosilanes. II. Methods of Synthesizing Some
Tetraalkoxysilanes, by A. P. Kreshkov,
L. V. Myshlyayeva, L. M. Khananashvili; 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 4,
1960, pp 1347-1349.

CB

Sci

153, 9/8

June 1961

Myslivec, T., Motloch, Z., and Bartek, B.
EXPERIENCE IN THE PRODUCTION OF SEMI-
KILLED STEEL FOR HEAVY PLATES. June 63.
Order from MT \$33.00 MT Trans-268

Trans. of Hutnicke Listy (Czechoslovakia) 1962, v. 17,
no. 7, p. 462-471.

DESCRIPTORS: *Steel, Production, *Metal plates.

(Metallurgy--Ferrous Metals, TT, v. 10, no. 5)

63-17799

- I. Title: Semikilled steel
- I. Myslivec, T.
- II. Motloch, Z.
- III. Bartek, B.
- IV. MT Trans-268
- V. Tollemache, M. de O.
(Gt. Brit.)

1242897

Office of Technical Services

Identification of the Origin of Non-Metallic
Inclusions in Steel by Means of the Radioactive
Isotope Ca^{45} , by T. Myslivec, J. Cadek, et al.

CZECH, per, Hutnicke Listy, Vol XVI, No 2,
1961, pp 94-102.

MT 178

Sci - Min/Metals

210,965

Sep 62

Flaws and Defects in Railway Tyres and Possible
Methods of Their Prevention
T. Myslivec, S. Horajs.

CZECH, per, Hutnicke Listy, Vol XI, No 1,
1956, pp 1-9.

NLL 628316

Sot - Rngr
Apr 62

193, 809

The Effect of Individual and Complex
Deoxidizing Additives on a Manganese,
Silicon and Aluminium Basis on the Quantity
and Arrangement of Nonmetallic Inclusions
in Steel, by T. Nyalivac. UNCL.

CZECH, per, Hutnicka Listy, No 11, 1957.
pp 989-1000.

BISI 1278

(L7 10a.OA.)

Sci - Min/Mot
Oct 59

99, 406

Cybernetics and Agriculture, by V. Myslivec.

RUSSIAN, per, Mezhd Sel'skokh Zhur, Vol VI,
No 1, 1962, pp 77-80. 9214880

USDA Tr A-1380

Sci - Misc, Agri
Doc 63

243,487

(NY-5767)

The Main Tasks of Czechoslovak Agriculture During
the Third Five-Year Plan, by Fr. Myslivecek, 27 pp.
OFFICIAL USE ONLY

CZECH, per, Zemedelska Ekonomia, Vol VI, No 9/10,
Oct 1960, pp 745-759.

JPRS 7847

EEur - Czechoslovakia

COPYRIGHT

Econ

Mar 61

142,407

Investigation of the Reaction Products of
Certain Organosilicon Compounds with Aqueous
Alkaline Solutions of Aluminates, Stannates,
and Plumbites by Means of Infrared Absorp-
tion Spectroscopy, by A. P. Kreshkov, Yu. Ya.
Mikhailenko, L. V. Kishlyayeva, and L. M.
Khananashvili, 4 pp.

RUSSIAN, per, Zhur Prikl Khim, Vol XXII, No 11,
1958, pp 1746-1749.

8

Consultants Bureau

103222

Sci Dec 59

Preparation of Organosilicon Hydroxy Compounds
From Aminosilanes. I. Preparation of Alkyl-
alkoxysilanes From Alkylphenylaminosilanes,
Synthesized From Alkylchlorosilanes, by A. P.
Kreshkov, L. V. Myshlyayeva, L. M. Khananashvily,
3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII, No 8,
1958, pp 2112-2113.

CB

Sci. Chem
Oct 59

99,0702

Action of Aqueous Sodium Aluminate Solutions on
Alkylalkoxysilanes, by L. M. Khananashvili, L. V.
Myshlyayeva, B. M. Mikhalev, V. E. Shkolnyi, 8 pp.

RUSSIAN, per, Zhur Prik Khim, Vol. XXX, No 2, 1957,
pp 263-270.

Consultants Bureau

Sci - Chem

Jul 58

67,026.

Effect of Alkalies on the Properties of Calcium
Silicates, by V. N. Rung, Y. M. Butt, and
V. V. Myshlyayeva, 10 pp.

RUSSIAN, per, Tsément, Vol XVII, No 6,
Dec 1951, pp 9-13.

SLA R-1463

Sci

Aug 58

67, 926

~~67, 926~~

Colloidchemical Processes in Reactions of
Tetraalkoxyalanes with Aqueous Aluminate Solu-
tions, by A. P. Kreshkov, L. V. Ilyshlyayeva,
L. N. Khamanashvili, 8 pp.

RUSSIAN, per, Kolloid Zhur, Vol XIX, No 4, 1957,
pp 445-453.

Consultants Bureau

Sci - Chem

Jan 59

79,460

Rapid Determination of Calcium and Magnesium Oxides
Using the Trilon B Method, by V. V. Myshlyakova, M. N.
Lukina, 3 pp.

RUSSIAN, himo per, Tsement, No 5, Sep/Oct 1956,
pp 23-25.

Consultants Bureau

Sci - Engineering, Chemistry
Jun 57

49,083

The World's First Nuclear Freighter, by W. Mysken,
W. G. Bonsel, 6 pp.

DUTCH, per, De Kern, No 1, Nov 1960.

Maritime Administration
Division of Office Services

Sci - Space Res
19 Jan 61

137,356

Cause and Cure of Some Blenishes and Faults in
Railway-Wheel Tires, by T. Myslivec, S. Horaja.
UNCL

CZECH, per, Hutnicka Listy, Jan 1956, pp 1-9.

British Iron and Steel Ind 1105
(17 15 0)

Sci - Ingr
Apr 59

84,501

PLANNED INDUSTRIAL DEVELOPMENT COMMISSION IN 1963,
BY GENERAL INVESTIGATION, 10 PP.

PLANNED, POL. INVEST., 100, 2011, 20 11, 1963,
PP 20-21.

JUNE 1963

100 - 100,000

1000

1000

100,000

Development of Oxygen Requirement; in some
Tissues of Rats, by J. Myslivecek, L. Jilek,
10 pp.

CZECH, per, Ceskoslovenska Fysiologie, Vol II,
No 4, 1953, pp 363-366.

SLA 62-14742

226,763

Sci

Apr 1963

Myslivocek, J. and Jilek, L.
DEVELOPMENT OF RESISTANCE DURING ONTO-
GENESIS IN CONNECTION WITH ALTITUDE ANOXIA.
[1962] [9]p. 11 refs.
Order from SLA \$1.10

62-14743

Trans. of [Ceskoslovenska Fysiologie] 1953, v. 2,
p. 303-306.

DESCRIPTORS: Resistance, *High altitude, *Anoxia,
Rats, *Age, *Adaptation (Physiology), Growth.

Resistance to altitude anoxia in white rats during their
growth period drops in spurts. The critical stages in
the decline of resistance occur approximately at the age
ranges of 8-10 days, around the 10th and the 20th day.
The mean height at which young animals die are as
follows; up to 8 days - 20,000 meters; between the
10th and 14th day - 17,000 meters; between 15th and
(Biological Sciences--Physiology, TT, v. 9, no. 2)(over)

62-14743

I. Myslivecek, J.
II. Jilek, L.

Office of Technical Services

Reflexion of Fine Differentiation and of
the Stimulus-Reaction Relationship in the
Second Signal System, by Ya. B. Myslivechek,
9 pp.

RUSSIAN, per, Zhur Vysshey Nerv Deyatel
imeni I. P. Pavlova, Vol IX, No 3, 1959,
pp 364-373.

PP

Sci

195,040

RE May 62

Ontogenesis of the Primary Reaction To Light in 42
Rabbits Irradiated during Various Periods of
Prenatal Development, by N. S. Myshodskiy, 6 pp
RUSSIAN, per, Doklady Akademii Nauk SSSR, Vol
CLIN, No 3, 1964, pp 690-692
JPRS 20540

USSR
Sci-D/III
Apr 69

277,734

The Committee on Marine Investigation at the
Polish Academy of Science, by H. Myslovski.
MUSEUM, NOT. Oceanologia, Vol III,
No 3, 1963, pp 558-559.
Dept of Navy Tr 4257/400 Tr 241

60

Myslovski

M Myslovski

Sci-1, Sci
Nov 66

512,500

Reactions of Fluoro Olefins. Communication 13.
Catalytic Hydrogenation of Perfluoro Olefins,
by I. L. Kurnyants, M. P. Krasuskaya, E. I.
Mysov, 6 pp

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim
Nauk, No 8, 1960, pp 1412-1418.

CB

Sci

Sep 61

169,414

Estimate of the Error Involved in the Numerical
Solution of a Linear Integral Equation, by I. P.
Myslovakh, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXL, N 1961,
pp 763-765.

Amer Math Soc

Sci

May 62

193,264

75
On Error Bands for Approximate Methods of
Calculation of Integrals of Hermitian Kernels,
by J. P. K. ... 11 pp.
RESEARCH ... Vol XLVII, No 90,
1959, pp 15-24.
Amer Math Soc

Sci - Math
May 64

338,384

On River Banks for Riverbanks Calculated by
Engineering the River by an Approximating Method,
by L. P. Kozlovskiy, 12 pp.
Kosmos, Moscow, Moscow Abroad, Vol XLIX, No 91,
1959, pp. 25-36.
Lower River Bank

Sci - Math
May 64

238,315

Potential and Flame of Enthusiasm Scientific
Investigations at the Poznan Polytechnicalum, by
Z. Wozniak, 6 pp.

POLISH, np, Gazeta Poznanska, 19-20 Jan 1966, p 6.
0069310

FTD-TT-68-HKS 241

Sci-Misc
July 68

235,833

Pharmacological Evaluation of Some Chinese
Drugs, by Malina Rostova, Elena Myshkova,
6 pp.

POLSKA, par. Anna Polanska Pharmaceutica, Vol XX,
No 2, 1964, pp 281-290.

OTS 43-244/73

PL-430

Sci - Chem

Apr 64

297,33

A Contribution to the Possibility of the
Interconversion of Nucleic Acids, by
S. E. Manoilov, V. L. Nemchinakaya, A. Z.
Alyeva, L. V. Mytareva, 6 pp.

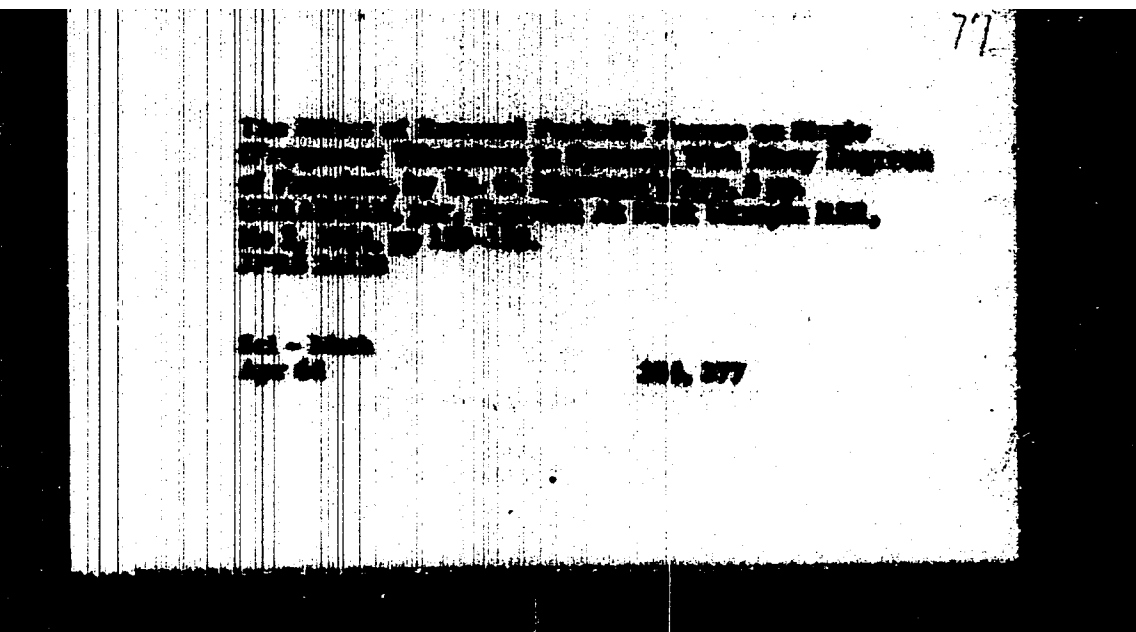
RUSSIAN, per, Biokhim, Vol XXII, No 6, 1957.
pp 1013-1018.

Consultants Bureau

Sci - Med

Aug 58

69, 527



(SF-1880)

Construction of an Asymptotic Solution for an
Automatic System With Strong Nonlinearity, by Yu. O.
Mytropol's'kyy, 8 pp.

RUSSIAN, per, Dopovid1 Akademii Nauk Ukrain's'koy
RSR, No 7, 1961, pp 839-844.

JPRS 12148

Sci - Phys

877
182, 633

Feb 62

Recognition of Handwritten and Printed Symbols to the
Method of Comparison with Standards, by G. I. Kozlovskii,
and Yu. I. Zhukovskii, 8pp
1964, 1965, per, Avtomatyka, Kiev, V-1 01, 1 01, 1 01,
pp 30-36
JAN 65 27483

Sci-Auth & Data Processing
Jan 65

271,823

50

Plant Parasitic Nematodes. Feeding, of Phyto-
helminths and their Relationships with Plants,
by S. G. Myage, 76 pp.

RUSSIAN, mono, Paraziticheskiye Nematody Rasteniy
Pitaniye Fitogelmintov i ikh Vzaimootnosheniya
s Rasteniyami, 1964.

*CPSTI TT 69-55075

S. G. Myage

Sci/DA
Mar 69

The Interrelationship Between Phytohelminths of the
Family Heteroderidae and Host Plant, by S. Myuge.

RUSSIAN, rpt, Problems in Phytohelminthology,
Academy of Sciences USSR, 1961.

CXIRO/No 5861

Sci
Jan 63

49
Plant Parasitic Nematodes. Feeding of
Phytohelnths and their Relationships
with Plants, by S. G. Myuge, 52 pp.
RUSSIAN, mono, Paraziticheskiye Nematody
Rasteniy Pitaniye Fitogelmintov i ikh
Vzaimootnosheniya s Rasteniyami, 1964.
CPSTI TT 69-55075

S. G. Myuge

Sci/BHM
Nov 69

Myuge, S. G.

THE TROPHIC CHARACTERISTICS OF THE GALL
NEMATODE (K Troficheskoï Kharakteristike
Gallovoi Nematody) tr. by D. R. Eddy. [1962] [8]p.
(foreign text included) 6 refs. [CSIRO] Trans. 5679.
Order from OTS or SLA \$1.10 62-23718

Trans. of Zhurnal Obshchei Biologii (USSR) 1956,
v. 17, no. 5, p. 396-399.

DESCRIPTORS: *Parasitic infections, *Nematodes,
*Meloidogyne, *Plants, Growth, Tissues (Biology).

Plants harboring the gall nematode, *Meloidogyna*
incognata, react to the infection by increasing respira-
tion and by activating respiratory enzymes in the re-
gions of gall formation. The nematode liberates a
proteolytic enzyme into the gall and feeds on the prod-
ucts of protein hydrolysis produced thereby. Gall for-
mation is caused by toxic substances produced as a re-
sult of the action of the nematode on the plant tissues.
These toxins may include certain amino acids.

62-23718

- I. Title: Galls (Botany)
- I. Myuge, S. G.
- II. CSIRO Trans-5679
- III. Commonwealth Scientific
and Industrial Research
Organization (Australia)

C223342

(Biological Sciences,
Phytopathology)

Office of Technical Services

Anomalous Reactions of α -Bromo Ketones. IV. Reaction of Sodium Phenolate with α -Bromomethyl Phenyl Ketone, by T. Temnikova, S. Myukhyundari, 4 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIV, No 10, 1954, pp 1819-1822. CIA C 42157

Consultants Bureau

Sci - Chemistry

35,135

Jun 1956/dex

(DC-6801)

UNIVERSAL ELECTROPHOTOMETER, BY V. I.
NYUKHYURYA, 26 PP.

RUSSIAN, PER, TRUDY GLAVNOY GEOFIZICHESKOY
OBSERVATORII IMENI A. I. VOYKOV, 1959,
NO 93, PP 70-80.

JPRS 13,998

SCI - PHYS

JUN 62

197,708

An Electrophotometer for Measuring the Intensity
and Polarization of Light Scattered by Cloud
Particles, by V. I. Myukhkyurya. UNCLASSIFIED

RUSSIAN, rpt, Mezhdomestvennaya Konferentsiya
po Voprosam Issledovaniya Oblakov, Osadkov i
Grozovogo Elektrichestva, 5th, Leningrad, 1956
p 139.

Navy 2515/GRL 790

Sci - Geophysics
Jun 60

119, 389

Influence of Hydrogen Peroxide, Formed During
Enzymic Reactions, on the Synthesis of Acetylcholine,
A. A. Myul'berg, 5 pp.

RUSSIAN, per, Fiziol Zhur ~~SSSR~~ imeni I. M. Sechenova,
Vol XLVII, No 5, 1961.

Elsevier Pub Co

Sci

Oct 62

213,992

NCH-200 506

Field 11J

Myuller, B. E.

THE CHEMICAL STRUCTURE OF THE CHAINS AND
THE PROPERTIES OF POLYESTER URETHANE
ELASTOMERS. I. INFLUENCE OF THE NATURE OF
THE POLYMER CHAIN ON THE GLASS TRANSITION
POINT. 17 Jun 64, 7p, 7refs. NLL-M.5656;
Trans-T-1606.

Order from NLL as M.5656

Trans. of Vysokomolekulyarnye Soedineniya (USSR) v6 n2
p329-33 1964.

I. Title: Influence ...
II. National Lending
Library for Science
and Technology,
Boston Spa (England)

Chemical Structure of the Chanins and the
Properties of Polyester Urethane Elastomers.

I. Influence of the Nature of the Polymer
Chain on the Glass Transition Point, by
B.E. Myuller.

RUSSIAN, per Vysokomplek. Soedin, Vol. 6,
No. 2, 1964, pp 329-333.
NLA/5828.4 1965 (5656)

B E MYULLER

Sci -
Aug 67

337-562

Influence of Chemical Structure of Poly-
terephthalates on Their Crystallization
Properties, by B.E. Myuller.

RUSILAB, per Vyachomsk. Sbornik, Vol. 6, No. 7

1964, pp 1330-1333

GB 256/T.1633.

Sci -
Aug 67

B. E. Myuller

330-408

Influence of Chemical Structure of Poly-
terurethanes on Their Crystallization
Properties, by B.E. Myuller.

RUSSIAN, per Vysokomolk. Soedin, Vol. 6, No. 7
1964, pp 1330-1333
GB 256/T.1633.

B. E. MYULLER

Sci -
Aug 67

338-408

Early Stages in the Development of the
Ovaries in Two Breeds of Chicken with
Different Rates of Development (Russian
White and Australorp), by G. R. Myuller,
M. N. Ragozina, 4 pp.

RUSSIAN, per Dok Ak Nauk SSSR, Vol CXV,
No 5, 1957, pp 1044-

Amer Inst. of Biol Sci

Sci - Med

May 58

63,562

An Examination of Certain Properties of Copper Cathodes
Presented in the Presence of Various Surface Active
Substances by R. N. Shulkin, L. I. Sorokina, 5 pp.
Nikol'skii, per, Tsvetnyy Zhurnal, Vol III, No 10,
1962, pp 14-17

PS

Sci -
Mar 64

252,788

Application of the Microscopy Method in Studying
the Structural Characteristics of Actual Crystals,
by N. N. Myuller, M. L. Bernshtein, 6 pp.

RUSSIAN, per, Zavod Lab, Vol XXVI, No 9, 1960,
pp 1084-1085.

ISA

Sol

Jan 61

167, 302

79
Effect of the Thermal Treatment of Arsenic
Selenides on Their Electrical Conductivity,
and Opacity in the Glassy State, by
R. L. Myller, et al,
ZSNA, Ser. Vestnik Leningr. Univ. Ser.
Fiz., No 22, 1964, pp 94-101.
AT 171-4670

R. L. Myller

Sci. Electr. L. Elect. Eng.
Apr 67

Sci. Electr.

Rate of Removal of RuO_4 From Aqueous Solutions by
A Current of Air, by A. A. Goryunov, R. L. Muller,
8 pp.

Inst. Leningrad Univ.
RUSSIAN, per, Ser Fiz i Khim, No 2, 1960,
pp 101-111.

ARC-TNI-Inf-Ser-~~330~~ ⁶³⁴

Sci-113
Jan 64

248,323

Electrical Conductivity of the Arsenic
Selenium Tellurium System in the Glassy
State, by R. L. Myuller, and T. P.
Markova.

RUSSIAN, per, Vestnik Leningr. Universita
Ser. Fiz. Khim., 1962, No 4, pp 75-89.

MLL 9022.09 1964 (3382) (On Loan)

C.F.S.I. TT-65-60368

Aug 65

R. L. Myuller

286,473

Method of Determining the Vapor Pressure of
Ruthenium Tetroxide Over Its Aqueous Solution by
Means of Radioactive Tracers, by R. L. Muller,
A. D. Nikol'skiy, 6 pp.

RUSSIAN, per, Radiokhimiya, Vol IV, No 3, 1962,
pp 364-370.

CE

Sci
Apr 64

253990

Myuller, R. L. and Baglai, N. A.
THE KINETICS OF DISSOLUTION OF GERMANIUM
IN AQUEOUS SOLUTIONS OF BROMINE AND IODINE.
[1961] 12p. 6 refs.

Order from OTS or SLA \$1.10

61-18621

Trans. of Leningr[ad] U. Vestnik (USSR) 1960, v. 15
[no. 4] Ser[iya] Fiz[ika] i Khim[ii] no. 1, p. 88-94.
Another trans. is available from MDF \$4.50 as MDF
M-134 [1960] 7p.

DESCRIPTORS: *Germanium, *Bromine, *Iodine,
Solubility, Solvent action.

Studies of the kinetics of dissolution of germanium in
bromine and iodine solutions determine that the disso-
lution process is limited by the rate of the oxidation re-
action of germanium by the molecules of bromic and
iodic acids with an activation energy of about 11 k
(Chemistry--Physical, TT, v. 6, no. 10) (over)

61-18621

I. Myuller, R. L.
II. Baglai, N. A.

Office of Technical Services

Myuller, R. L.

THE VALENCE NATURE OF THE ELECTRICAL
CONDUCTIVITY OF SEMICONDUCTING GLASSES.

[1963] 26p. 37 refs.

Order from OTS or SLA \$2.60

63-18919

Trans. of Leningrad U. Vesni: (USSR) 1961, v. 16,
no. 22, Ser[iya] Fiz[ika] i Khim[i] no. 4, p. 86-96.

DESCRIPTORS: *Glass, *Semiconductors, *Elec-
trical conductance, *Valence, Selenium, Crystal
structure, Crystal lattices, Chemical bonds,
Polymers.

A model of the mechanism of the intrinsic conductivity
of semiconductors with low current carrier mobility
is proposed on the basis of a representation of the
individual nature of localized electron-pair bonds
between atoms. The theoretical expression for the
(Physics--Solid State, TT, v. 10, no. 11) (over)

63-18919

I. Myuller, R. L.

Office of Technical Services

Nature of the Electrical Conductivity of Glassy
Semiconductors, by R. L. Myuller, 8 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXIV, No 3,
1962, pp k 541-549.

RM CB

Sci
Jun 63

233,911

Myuller, R. L., Markova, T. P., and Repinskii, S. M.

DISSOLUTION KINETICS OF GERMANIUM IN NITRIC ACID, [1962] 27p. 27 refs.

Order from OTS or SLA \$2.60

62-14471

Trans. of Leningrad U. Vestnik (USSR) 1959 [v. 14] no. 16 [Seriya Fiziki i Khimii, no. 3] p. 106-118. Another trans. is available from OTS or SLA \$1.60 as 62-23090, MEF M-132 [1960] 15p.

DESCRIPTORS: *Germanium, Oxidation Solubility, *Nitric acid, Reaction kinetics.

The dependence of the dissolution rate of germanium in solutions of nitric and nitrous acids on the temperature and stirring of the solution is investigated. Conclusions are drawn in favor of limited heterogeneous chemical oxidation reactions of germanium (Chemistry--Physical, TT, v. 8, no. 10) (over)

62-14471

I. Myuller, R. L.
II. Markova, T. P.
III. Repinskii, S. M.

C226216

Office of Technical Services

The Kinetics of the Dissolution of Indium Antimonide
in Hydrochloric Acid Solutions of Iron Chloride and
Iodine, by R. L. Muller, G. M. Orlova, et al, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI, No 8,
1961, pp 2461-2465.

CB

Sci
Jul 62

205,244

The Kinetics of the Dissolution of Indium Antimonide
in Nitric Acid, by R. L. Iyuller, G. M. Orlova, et al,
4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI, No 8,
1961, pp 2457-2460.

CB

Sci
Jul 62

205,243

The Kinetics of Gas Evolution by Coals in Relation
to the Metamorphism Problem, by R. L. Myuller,
V. S. Popov, 6 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXX, No 2, 1957,
pp 271-277.

Consultants Bureau

Sci - Chem

Jul 58

67,027

Low-Temperature Treatment of Chemically Deposited Lead Sulfide Films, by R. L. Myuller, A. V. Danilov, Yang Ying-kuei, 7 pp.

RUSSIAN, per, Zhur Prikl Khim, XXXIV, No 1, 1961, pp 71-77.

CB

Sci

Mar 62

183,815

The Kinetics of Arsenic Selenide Dissolution in
Alkaline Solution, by R. L. Muller, Z. U. Borisova,
N. I. Grebenshchikova, 5 pp

RUSSIAN, per, Zhur Prik Khim, Vol XXXIV, No 3,
1961, pp 533-537

CB

Sci

Feb 62

186,875

Myuller, R. L., Danilov, A. V. and others.
KINETICS OF DISSOLUTION OF GERMANIUM IN
ACID AND BASE SOLUTIONS OF HYDROGEN PER-
OXIDE. [1961] 15p. 15 refs.
Order from OTS or SLA \$1.60

61-18279

Trans. of Leningrad U. Vestnik (USSR) 1960, v. 15
[no. 4] Ser[iya] Fiz[ika] i Khim[i] no. 1, p. 80-87.
Another trans. is available from MDF \$5.50 as MDF
M-133 [1960] 10p.

DESCRIPTORS: *Germanium, Solubility, *Hydrogen
compounds, *Peroxides, Solvent action.

An investigation was made of the dependence of the
rate of dissolution of germanium in acid and alkali
solutions of hydrogen peroxide on the composition of
the solution, its stirring, and temperature. Assump-
(Chemistry--Physical, TT, v. 6, no. 10) (over)

61-18279

I. Myuller, R. L.
II. Danilov, A. V.

Office of Technical Services

Critical-Temperature Region of Borynoxide According
to Data on Heat Capacities and Vitreous Borates,
by R. L. Muller, 7 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXVIII, No 12,
1954, pp 2170-2177.

IC or SLA 59-10069

Sci - Chemistry
Feb 59

81,559

1.50

Valency Theory of Viscosity and Flow in the Critical
Temperature Region for High-Melting Glass-Forming
Substances, by E. L. Myller, 10 pp.

Full tr

RUSSIAN, no per, Zhur Prik Khim, Vol XXVIII, No 10,
1955, pp 1077-1087. CIA C 42515

Scientific - Chemistry
Am 56/dex

35,793

Consultants Bureau

A-55-1050

The Glassy State of Matter, by R. L. Myuller, 4 pp.
RUSSIAN, no per, Steklo i Keramika, Vol XIII, No 4,
Apr 1956, pp 11-13.

Consultants Bureau

Scientific - Engineering

Feb 57 CTS

43,113

Rate of Removal of RuO_4 From Aqueous Solutions
by a Current of Air, by A. A. Goryunov,
R. L. Myuller, et al, 5 pp.

RUSSIAN, per, Vestnik Leningrad University,
No 10, 1960, pp 104-111. 9215540

AEC-TRG-Inf-Ser 134(2D)

Sci - Phys

Dec 63

244.182

The Ionic Conductivity of Alkali Aluminosilicate Glasses, by R. L. Myuller, A. A. Pronkin, 7 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXVI, No 6, 1963, pp 1192-1198.

CB

Sci-
Agu 64

264,880

Nature of the Energy of Activation, and Experimental
Data on the Fluidity of Refractory Glass-Forming
Substances, by R. L. Myuller, 8 pp.

RUSSIAN, no per, Zhur Prik Khim, Vol XXVIII, No 4,
Apr 1955, pp 363-371. CIA C 38888

Consultants Bureau

Scientific - Chemistry
CTS 73/Oct 55

26, 994

Electrical Conductivity of Solid Ionic-Atomic Valent
Substances. IX. Degree of Dissociation and Mobility
of Cations in Glasses with One Type of Ion, by
R. L. Myuller, 6 pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol II, No 6,
1960, pp 1333-1338.

AIP
Sov Phys-Solid State

Sci

Jan 61

138,199

Electrical Conductivity of Solid Ionic-Atomic Valent
Substances. X. Electrical Conductivity of Glasses
Containing Two Kinds of Alkali Ions, by R. L. Myuller,
5 pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol II, No 6,
1960, pp 1339-1344.

AIP
Sov Phys-Solid State

Sci

Jan 61

138, 200

Electrical Conductivity of Solid Ionic-Atomic Valent
Substances. XI. Degree of Dissociation and Mobility
of Cations in Glasses Containing Two Types of Ions,
by R. L. Myuller, 7 pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol II, No 6,
1960, pp 1345-1352.

AIP
Sov Phys-Solid State

Sci

Jan 61

138, 201

Some Preliminary Studies on the Chemical Properties
of the Distillation of Ruthenium, by V. I. Kostrikov,
V. M. Kostrikov.

RUSSIAN, per, Zhur Neorgan Khim, Vol IV, No 1, 1960,
pp 23-27.

The Cleaver-Hume Patent Co.

Sci - Chem
Jan 60

105,865

All-Union Conference on the Vitreous State,
No 3, by R. M. Myuller, 3 pp.

~~XXXXXXXX~~

RUSSIAN, per, Vestnik Leningrad U, Ser Fiz i
Khim, No 1, Vol XV, 1960, No 4, pp 144-145.

ATS-6643R

Sci
Jul 62

203,547

Vol 4, No 12

(DC-5066)

The Current Balance and the Establishment of the
Standard Volt, by S. V. Gorbatssevich, V. V.
Myuller, P. N. Luk'yanov, 23 pp.

RUSSIAN, per, Trudy Vsesoyuznogo Nauch-Issled
Instit Metrologii, No 31 (81), 1957, pp 5-18.

JPRS 6759

Sci - Phys

Mar 61

141,986

23
Myumba interviewed on the OAU Conference
Vis-A-Vis the African Refugee Problem,
by Jules Chome, M. Myumba, 5 pp.
FRENCH, per, Remarques Africaines, Vol VI,
No 14, 11 Jul 1964, pp 321, 322.
JPRS 26027

AFRICA-Burundi
Soc
Aug 64

265,976

On the New Formula of the Intensity of Radiation
and New Characteristics of the Transparency of
the Air, by Kh. Myurk, 8 pp.

RUSSIAN, bk, Issledovaniya po Fiz Atmosfery,
Ak Nauk Estonskoy SSR, Inst Fiz i Astron.
No 1, 1959, pp 7-14. 9683271

FTD-TT-63-178

Sci-Phys
Jun 63

234,521

Evaluating the Critical Load of a Cone, by
P. Haursepp, 6 pp.

RUSSIAN, per, Iz Ak Nauk Estonskoy SSSR, Vol. II,
1961, pp 28-32. 2677415

FTD-TT-62-372

Sci - Phys, Engr

10 Jul 62

214,3

On the Biochemistry of *Piricularia Oryzae*,
by Yu. V. Perumanskiy, I. N. Myusov.
RUSSIAN, per. ~~Vest Sel'skoyh Nauki~~, Vol VI, No 3, 1963,
pp 39-43. 9220127

USDA Tr A-1408

Sci - Biol & Med Sci
Mar 64

251,293

The Obtaining of Ultralow Pressures by the
Desorption of Gases by Sprayed Metal Films,
by N. N. Martinson, K. N. ~~MAKIN~~ Myunkov,
3 pp.

RUSSIAN, per, Pribery i Tekh Eksp,
No 4, 1961, pp 71-73.

ZSA

Sci

Jan 62

198,845

Investigation of the Characteristics of a Beam of
Protons Accelerated in a 10 Bev Proton Synchrotron,
by A. I. Kuznetsov and K. P. Myasnikov, 5 pp.

RUSSIAN, per, Atom Energiya, Vol. XII, No 5,
1962, pp 373-378.

CB

Sci

Jan 63

234,066

Investigation of the Characteristics of the Beam
of Protons Accelerated in the 10 MEV Synchro-
phasotron, by A. B. Kuznetsov, K. P. Myznikov,
30 pp.

RUSSIAN, ~~1971~~, Joint Inst for Nuclear Research,
Dubna, Lab of High Energy, Report P-787,
JINR-P-787, 18 pp. 9091179

AEC UCRL Tr-843

Sci - Phys
Sep 2862

211, 313

A study of the Promotion Reaction of Cadmium Hydroxide
by I. V. Tananayev, N. V. Mzareulishvily, 7 pp.

RUSSIAN, per. Zhur Neorgan Khim. Vol I, No 10, 1956.
pp 2225-2231.

AEC-Tr-4591
PI-480

341, 154

Sci

Jun 63

A study of the Formation Reaction of Zinc Hydroxide,
by I. T. Tatarov, N. V. Mzareulishvily, 9 pp.

RUSSIAN, per. Zhur Neorgan Khim, Vol I, No 10, 1956,
on 2216-2224.

AEC-Tr 4591
PL 480

Sci

Jun 63

341, 153

A Study of the Formation Reaction of Zinc Hydroxide,
by I. V. Tanaryev, N. V. Mzareulishvily, 9 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol I, No 10, 1956,
pp 2216-2224.

AEC-Tr-4591
PL-480

Sci

Jun 63

341, 149